

## CLAIMS

I Claim:

1. (Canceled)

~~2. (Canceled)~~

3. (Canceled)

4. (Canceled)

5. (Currently Amended) An external lubricant filter system for automatic transmissions having a lubricant pump, said system comprising:

a modified transmission lubricant pan assembly including a wall having internal and external surfaces and a filter adapter fixedly secured within the wall between the internal and external surfaces, said adapter further including an externally threaded pipe nipple, a lubricant entry port, a plenum, and a filter canister sealing surface, an inlet chamber and an outlet chamber both fixedly attached to the internal surface of the wall of said pan;

an external spin on-off lubricant filter canister removably connected to said modified pan; and

a lubricant pick up assembly and a lubricant discharge tube;  
according to Claim 4 wherein said pick up assembly includes a cup portion, a pick up tube, and a flange portion, the flange portion being fixedly, sealingly and cooperatively connected to said inlet chamber.

6. (Currently Amended) An external lubricant filter system for automatic transmissions having a lubricant pump, said system comprising:

a modified transmission lubricant pan assembly including a wall having internal and external surfaces and a filter adapter fixedly secured within the wall between the internal and external surfaces, said adapter further including an externally threaded pipe nipple, a lubricant entry port, a plenum, and a filter canister sealing surface, an inlet chamber and an outlet chamber both fixedly attached to the internal surface of the wall of said pan;

an external spin on-off lubricant filter canister removably connected to said  
modified pan; and

a lubricant pick up assembly and a lubricant discharge tube;

~~according to Claim 4~~ wherein said discharge tube further includes lower and upper ends, the  
lower end having a lower shoulder and being fixedly and sealingly attached to the outlet  
chamber, and the upper end having an upper shoulder and being fixedly, sealingly and

- cooperatively attached to the transmission lubricant pump.